Presentation Abstract

Session Title: Shared Vision Planning and Modeling for California Water Management
2006 Annual Meeting of the California Water and Environmental Modeling Forum

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Institute for Water Resources, U.S. Army Corps of Engineers
Hydrologic Engineering Center, U.S. Army Corps of Engineers
California Department of Water Resources

Summary: Collaborative approaches that integrate the technical and decision-making components of water resources management are becoming more common. This session will describe the Shared Vision Planning technique developed and applied over the last fifteen years by the Institute for Water Resources. The session is intended to introduce basic concepts of the collaborative planning approach, demonstrate some modeling tools, and suggest implications for California water planning.

Moderator: Rich Juricich, California Department of Water Resources

Talk #4: Rich Juricich, California Department of Water Resources (juricich@water.ca.gov)

Applying Shared Vision Planning to Identify the Conceptual Design of Water Demands

A significant barrier to reaching agreement about specific computational methods in water planning is an insufficiently developed shared understanding of how the California water management system works, and how it responds to changes. When there is a technical disagreement about a model or parts of a model, we rarely have a productive discussion that leads resolution. Discussions tend to be vague. DWR proposes to use a Shared Vision Planning approach to work with experts and stakeholders and develop a conceptual design of significant factors related to determining water demands in California. A demonstration of how this might be accomplished through the EXTEND software is presented.